

## INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/US 02/37794

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>					
IPC 7	B32B7/06	B42D15/00	G09F3/02	B32B7/02	B32B33/00
	B60R13/02	B32B5/26	B32B31/00	E04C2/24	B44C1/10
	B44F1/06	B44C5/04	B44C3/02	B60R13/04	B44C5/00
According to International Patent Classification (IPC) or to both national classification and IPC					
<b>B. FIELDS SEARCHED</b>					
Minimum documentation searched (classification system followed by classification symbols)					
IPC 7	B32B	B42D	G09F	B60R	E04C B44C B44F B41M A61F
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)					
EPO-Internal					
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>					
Category *	Citation of document, with indication, where appropriate, of the relevant passages				Relevant to claim No.
X	GB 2 353 249 A (CBF GROUP PLC) 21 February 2001 (2001-02-21) page 1, line 18 -page 3, line 4 abstract; claims 1-22; figures 1-5 ---				1-60
X	US 6 179 201 B1 (CHESS STANLEY C) 30 January 2001 (2001-01-30) column 1, line 20 -column 2, line 44 abstract; claims 1-6; figures 1-6 ---				1-60
X	US 5 962 089 A (JONES VINCENT H-H ET AL) 5 October 1999 (1999-10-05) column 2, line 60 -column 4, line 12 abstract; claims 1-14; figures 1-9 --- -/--				1-60
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.					
* Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family					
Date of the actual completion of the international search			Date of mailing of the international search report		
25 February 2003			05/03/2003		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016			Authorized officer  G1omm, B		

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 547 743 A (RUMIESZ JR JOSEPH ET AL) 20 August 1996 (1996-08-20) column 1, line 44 -column 3, line 28 abstract; claims 1-10; figures 1-4 ---	1-60
X	US 4 612 075 A (WAUGH ROBERT E ET AL) 16 September 1986 (1986-09-16) column 1, line 40 -column 2, line 60 abstract; claims 1-16; figures 1-4 ---	1-60
X	US 4 549 653 A (LAURITZEN NELS J) 29 October 1985 (1985-10-29) column 1, line 50 -column 3, line 32 abstract; claims 1-12; figures 1-10 -----	1-60

☐ Further documents are listed in the continuation of box C.

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## \* Special categories of cited documents:

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\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

25 February 2003

Date of mailing of the international search report

Name and mailing address of the ISA

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International	Publication No
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			JP 6028953 B	20-04-1994
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